



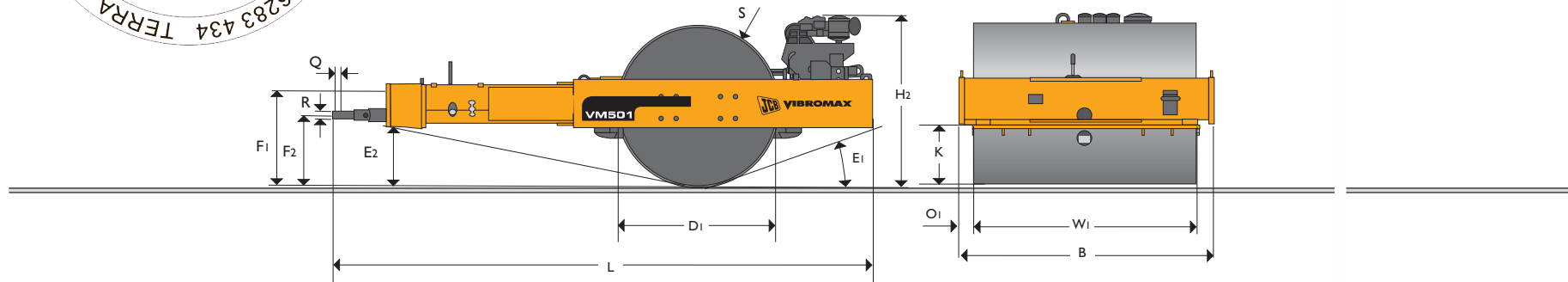
JCB VIBROMAX – COMPACTION EQUIPMENT TOW-TYPE VIBRATORY ROLLER VM501



MAX. OPERATING WEIGHT: 3900kg



TERRA



STATIC DIMENSIONS

Dimensions in millimetres		
B	Overall width	2100
D1	Drum diameter	1300
F1	Height of towing eye, upper position	700
F2	Height of towing eye, lower position	500
H2	Overall height	1470
K	Curb clearance	450
L	Total travel length	4400
O1	Overhang	140
Q	Diameter of towing eye	50
R	Thickness of towing eye	46
S	Drum thickness	15
W1	Roller width	1830
E1	Departure angle rear	20°
E2	Departure angle front	10°

OPERATING DATA

Operating weight (CECE)	kg	3900
Operating linear load	kg/cm	21.3
Exciter frequency	Hz	38.3
Nominal amplitude	mm	1.35
Centrifugal force	kN	135
Centrifugal force / drum width	N/cm	738
Compaction depth up to	cm	60



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ENGINE

Three-cylinder, air and oil-cooled, four-stroke Diesel engine with direct injection.

Make		Deutz
Model		F 3 L 2011
Piston displacement	cm ³	2049
Performance – DIN 6271	kW	27.5
Operating speed	rpm	2500
Starting device		Electric motor
Air cleaner		Dry cartridge with safety cartridge
Fuel filter		Cartridge
Fuel consumption	l/h	6.1

PROPULSION

Towing tractor.

EXCITER DRIVE

Electrically controlled hydrostatic direct drive.

EXCITER

Single-shaft circular exciter.

ELECTRICAL SYSTEM

Voltage	V	12
Battery capacity	Ah	88
Alternator	V(A)	14 (33 maximum)

SERVICE CAPACITIES

Fuel	litres	100
Gear oil (exciter)	litres	7
Hydraulic oil	litres	120

INDICATORS

Hour meter.

REQUIREMENTS FOR TOWING THE UNIT

Minimum travel speed	km/h	1.8
Minimum engine performance (DIN 6271)	kW	26
Minimum operating weight for wheel driven units	kg	4000
Minimum operating weight for crawler driven units	kg	3000



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